



SECTION 09: DEBURRING TOOLS

This is a digital copy of USATCO's main printed tool catalog. You can use the navigation panel on the left to jump to a general category, or to find a specific type of tool (note: when looking for a specific tool, depending on your monitor resolution you may have to scroll down to see the listing).

You can stop by our website to check for the latest version of both this file and our current price list. You may also request a printed version, free of charge, on our website or via our contact information below. Our web address:

www.usatco.com

Please Note: You may print this file if you like, but its content may not be extracted and/or modified by anyone other than an authorized USATCO official.

If you have any questions or problems please contact: info@usatco.com

© Copyright 2005 USATCO U.S. Air Tool Company, Inc.

Toll Free Nationwide & Canada: 800-645-8180

USATCO U.S. Air Tool Company, Inc.

Eastern Division60 Fleetwood Ct., Ronkonkoma, NY 11779-6907 tel: (631) 471-3300 fax: (631) 471-3308

Western Division1219 W. Mahalo Place, Rancho Dominguez, CA 90220-5446 tel: (310) 632-5400 fax: (310) 632-3900



Supplying the Aerospace, Defense & Metal Working Industries Since 1951!

MINIMUM ORDER: \$100.00 List Price

TERMS:

- Net 30 days on approved credit only
- Approved credit cards
- Prepaid via check or wire transfer
- **No C.O.D. Shipments**

RETURNS:

1. Return authorization is required.
2. Merchandise must be sent freight prepaid to the facility from which it was purchased.
3. A 20% restocking charge is applicable
4. **All claims must be made within seven (7) days of receipt of goods**

FREIGHT: F.O.B. Shipping Point.

SPECIAL ORDERS: All special orders may require prepayment

CURRENCY: All prices are in U.S. Dollars

OVERSEAS: Same as above, only **prepayment via bank wire transfer (all fees for buyers account) or by bank check**

Government IMPAC Cards Accepted

Don't forget to check out USATCO Online, with monthly sales, homebuilder specials, surplus items & an easy to use interface its the easiest place to shop for tools on the web.

www.USATCO.com

Please ask about our tool rental policy!

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron[®], Chicago Pneumatic[®], and Cooper[®] Power Tools (including Dotco[®], Gardener Denver[®], Buckeye[®] and Doler[®]). In addition, we have our own manufacturing and modification facilities. We are riveting and product assembly specialists!

We will be happy to examine your tools free of charge and give you an estimate of repair cost. Ship prepaid to any of our facilities. Please send tensiometers to our New York Lab only.

LIMITED WARRANTY

If for any reason you are not completely satisfied with any item purchased from us you may request a return authorization within seven (7) days of receipt of goods. When obtained, send us the item (transportation prepaid) for replacement, repair or refund. Tools manufactured by USATCO are warrantied for one (1) year from date of purchase. We cannot assume liability for abuse, misuse or alteration of goods. Any tampering with tools or attempted repairs of same will nullify this warranty.

Note: Warranties from other manufacturers available upon request.

DEBURRING TOOLS

Multi-Burr

- Lifetime guarantee on handle: Just return it with your next blade order.
- Curved blades swivel freely for easier reach.
- Blades are stored in lightweight plastic handle.
- Includes one of all five blades offered below.

04-22022



Part Number	Description
04-22022	Multi-Burr With 5 Blades

Replacement Blades	
Part Number	For Use On
04-E-100	Steel & Aluminum
04-E-200	Brass & Cast Iron (cw/ccw)
04-E-350	Straight Edges On All Materials
04-E-101	Small Holes In Steel & Aluminum
04-E-102	Small Holes In Brass & Cast Iron (cw/ccw)

Telescoping Deburr Tools

- Very useful for chamfering deep holes.

Telescoping Ratchet Deburr Tool

- Ratchet mechanism makes countersinking a breeze.
- Great where normal rotational deburring is impossible.



04-K380

Part Number	Type	Telescope Action	Cutter Included
04-K380	Standard	1/4" to 3-1/4"	3/4"
04-K680	Ratchet		

Replacement Cutters	
Part Number	Diameter
04-22155	1/2"
04-22160	3/4"

'Speed Driver' Hole Deburring Tool

- Provides rapid deburring of drilled holes with high torque.
- Shown with cutter, not included.



04-94003

Part Number	Description
04-94003	Speed Driver

100° Cutters	
Part Number	Diameter
04-94000	3/8"
04-94001	1/2"
04-94002	5/8"

Slim-Grip Disposable Burr

- For removing burrs from steel & aluminum.
- Heavy-duty E-100 blade is non-replaceable.

Part Number	Description
E01000	Slim-Grip With Pocket Clip



Fixed Blade Scraper

- Excellent for scraping, trimming & deburring almost any material.
- Non-replaceable blade.

Part Number	Description
71055	Scraper With 5/32" Blade Height



Double Edge Deburr Tool

- Deburrs both sides of the workpiece.
- Blades can be rotated around circumference & reversed for long life.
- Blades are M-2 steel & hardened to 64RC.
- Includes safety guard.

Part Number	Material Capacity
04-22060	1/32" to 1/2"

Replacement Blade	
Part Number	Description
04-22065	One Set Of Replacement Blades



'Super-Burr' Deburring Tool Kit

- Complete 19 piece kit with fitted case.
- **Kit Includes:**

Keyway Burr, Half-Round Riffler File, Flat Riffler File, Double-Burr, 'C' Holder with 3/4" Countersink (04-C-20), 'D' Holder with Mini Scraper (04-D-50), 'D' Holder with Internal Scraper (04-D-66), Double Header (04-B/E) Holder, Chamfering Tool (04-L Holder & 04-L-1 Blade), Versa Burr Handle, D-Key, 1/2" Countersink (04-C-12), Scraper (04-T-120), Blades (04-B-10, 04-E-100, 04-E-200 & 04-E-101) & Fitted Case.

Part Number	Description
04-22181	Complete Kit



Drill Chuck Roto-Drive Tool

- Drills small holes in soft materials.
- 1/8" maximum drill size (drill not included).

Part Number	Description
04-22564	Drill Chuck Roto-Drive Tool



Burraway Deburring Tools



- Deburr both sides in one pass.
- Setscrew adjustment controls depth of cut & releases blade for replacement.

Type A: 1/4" Shank

Part Number Complete Tool	Part Number Replacement Blade	Hole Size	Decimal Equivalent	Pilot Length	Overall Length
02-938	02-938-1	3/32"	.0938"	.45"	3-3/8" (86 mm)
02-109	02-109-1	7/64"	.1094"		
02-125	02-125-1	1/8"	.1250"		
02-156	02-156-1	5/32"	.1562"		
02-187	02-187-1	3/16"	.1875"	.72"	4-1/8" (105 mm)

Type B: Straight Shank

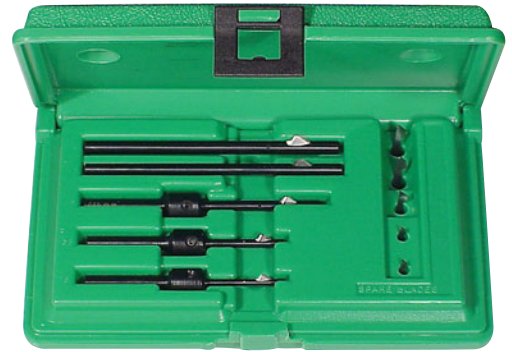
Part Number Complete Tool	Part Number Replacement Blade	Hole Size	Decimal Equivalent	Pilot Length	Overall Length
02-218	02-218-1	7/32"	.2188"	.87"	4-1/2" (114 mm)
02-250	02-250-1	1/4"	.2500"		
02-281	02-281-1	9/32"	.2812"		
02-312	02-312-1	5/16"	.3125"	.96"	
02-343	02-343-1	11/32"	.3438"		
02-375	02-375-1	3/8"	.3750"	1.00"	
02-406	02-406-1	13/32"	.4062"	1.09"	5-1/2" (140 mm)
02-437	02-437-1	7/16"	.4375"		
02-468	02-468-1	15/32"	.4688"		
02-500	02-500-1	1/2"	.5000"		
02-531	02-531-1	17/32"	.5312"	1.31"	
02-562	02-562-1	9/16"	.5625"		
02-593	02-593-1	19/32"	.5938"		
02-625	02-625-1	5/8"	.6250"		
02-656	02-656-1	21/32"	.6562"		
02-687	02-687-1	11/16"	.6875"		
02-750	02-750-1	3/4"	.7500"		

Type C: 1/2" Tanged Shank (7/8" to 1-1/2"), 1" Straight Shank (1-3/4" to 2")

Part Number Complete Tool	Part Number Replacement Blade	Hole Size	Decimal Equivalent	Pilot Length	Overall Length
02-875	02-875-1	7/8"	.8750"	1.19"	7" (178 mm)
02-1000	02-1000-1	1"	1.0000"		
02-1250	02-1250-1	1-1/4"	1.2500"		
02-1500	02-1500-1	1-1/2"	1.5000"		
02-1750	02-1750-1	1-3/4"	1.7500"		
02-2000	02-2000-1	2"	2.0000"		

Burraway Deburring Tool Kit

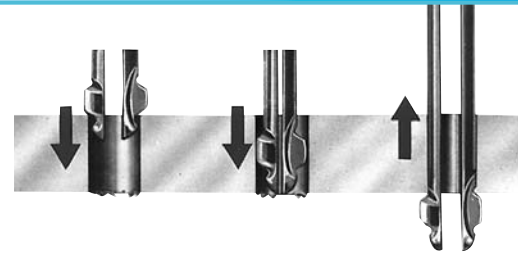
- Contains 5 tools & replacement blades in a fitted plastic case.
- Individual tools available on previous page.
- **Kit Includes:**
 1/8" Tool (02-125) & Replacement Blade (02-125-1), 5/32" Tool (02-156) & Replacement Blade (02-156-1), 3/16" Tool (02-187) & Replacement Blade (02-187-1), 7/32" Tool (02-218) & Replacement Blade (02-218-1), 1/4" Tool (02-250) & Replacement Blade (02-250-1) & Fitted Plastic Case.



Part Number	Description
70938	Complete Kit

Burr-Off

- Deburr both sides in one pass.
- Deburr 5 to 15 thousand holes per grind, up to four grinds per tool.
- Handles tough jobs: interrupted/interference cuts, holes close to shoulders etc.



Part Number	Hole Sizes	Shank Dia.	Overall Length
CP-6	.093" to .109"	.092"	4" (102 mm)
CP-7	.140" to .156"	.139"	
CP-8	.125" to .140"	.124"	
CP-9	.140" to .156"	.139"	
CP-10	.156" to .172"	.155"	
CP-11	.172" to .187"	.171"	
CP-12	.187" to .203"	.186"	
CP-13	.203" to .219"	.202"	
CP-14	.219" to .234"	.218"	
CP-15	.234" to .250"	.233"	
CP-16	.250" to .266"	.249"	
CP-17	.266" to .281"	.265"	
CP-18	.281" to .297"	.280"	
CP-19	.297" to .313"	.296"	
CP-20	.313" to .328"	.312"	
CP-21	.328" to .343"	.327"	
CP-22	.093" to .109"	.092"	

Part Number	Hole Sizes	Shank Dia.	Overall Length
CP-23	.359" to .375"	.358"	4" (102 mm)
CP-24	.375" to .390"	.374"	4-1/2" (114 mm)
CP-25	.390" to .406"	.389"	
CP-26	.406" to .422"	.405"	
CP-27	.422" to .437"	.420"	
CP-28	.437" to .453"	.436"	5-1/2" (140 mm)
CP-29	.453" to .468"	.452"	
CP-30	.468" to .484"	.467"	
CP-31	.484" to .500"	.483"	
CP-32	.500" to .515"	.499"	7" (178 mm)
CP-33	.515" to .531"	.514"	
CP-34	.531" to .547"	.530"	
CP-35	.547" to .563"	.545"	
CP-36	.563" to .578"	.562"	7-1/2" (191 mm)
CP-37	.578" to .594"	.577"	
CP-38	.594" to .609"	.593"	

DEBURRING TOOLS

'Zip' Wire Rivet Hole Brushes



- Stainless steel pilot style.
- Cleans paint, dirt, rust or varnish from around rivet holes.
- 5/8", 3/4" & 1" diameter, reverse & thd. shank type also available, please inquire.

Part Number	Description
53-70303	5 PC Kit (1/2" brush diameter)

Part Number	Pilot Diameter	Brush Diameter	Shank Diameter	Wire Diameter	Safe RPM (no load)
44-06721-1/4	3/32"	1/4"	1/4"	.005"	20,000
44-06741-1/4	1/8"				
44-06761-1/4	5/32"				
44-06781-1/4	3/16"				
44-06801-1/4	1/4"				
44-06721-3/8	3/32"	3/8"			
44-06741-3/8	1/8"				
44-06761-3/8	5/32"				
44-06781-3/8	3/16"				
44-06801-3/8	1/4"				
44-06721	3/32"	1/2"			
44-06741	1/8"				
44-06761	5/32"				
44-06781	3/16"				
44-06801	1/4"				

Air Scribe Kit

CP9361-1



- Lightweight (only 5 oz.) & easy to operate - Writes like a ballpoint pen.
- Simple piston supplied power for trouble free use.
- Graduated sleeve throttle permits accurate power selection for each job.
- Change of stylus converts tool to scaler or hammer.
- Writes on materials up to 64R hardness.

Kit Includes:

Air Scribe, Anvil, Flat Chisel, Chisel Blank, Round Nose Chisel, 2 Carbide Tipped Stylus, 8' Air Hose (3/16" ID), Air Filter Assembly & Carrying Case.

Part Number	Description
CP9361-1	Complete Kit
CP9361	Air Scribe, Stylus, Hose & Filter Ass'y Only

Air Scribe Replacement Parts Kit



Kit Includes:

Anvil, Flat Chisel, Chisel Blank, Round Nose Chisel, Carbide Tipped Stylus & 2 'O' Rings.

Part Number	Description
P058425	Complete Kit
P054177	Carbide Tipped Stylus Only